

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053176A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C04B41/49 C04B41/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/203117 A1 (BARTKOWIAK BERND ET AL) 30 October 2003 (2003-10-30) cited in the application	1-4, 7-15
Y	example 7 -----	5, 6
Y	US 5 798 415 A (CORPART ET AL) 25 August 1998 (1998-08-25) cited in the application	5, 6
A	claims examples ----- -/-	1, 2, 7-11, 13-15

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

8 March 2005

21/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Rosenberger, J

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/053176

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/037370 A1 (BARTKOWIAK BERND ET AL) 28 March 2002 (2002-03-28) cited in the application claims examples -----	1-4, 7-11, 13-15
A	DE 198 57 105 A1 (DR. RUESGES GMBH) 15 June 2000 (2000-06-15) claims 1,4 column 2, line 44 - line 46 column 2, line 55 - line 63 -----	1-15

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053176

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003203117	A1	30-10-2003	DE EP JP	10218871 A1 1358946 A1 2004043289 A		13-11-2003 05-11-2003 12-02-2004
US 5798415	A	25-08-1998	FR AT CA CN DE DE EP ES JP	2727417 A1 158313 T 2163712 A1 1131679 A 69500730 D1 69500730 T2 0714921 A1 2109065 T3 8225620 A		31-05-1996 15-10-1997 30-05-1996 25-09-1996 23-10-1997 26-03-1998 05-06-1996 01-01-1998 03-09-1996
US 2002037370	A1	28-03-2002	DE EP JP	10049153 A1 1193302 A2 2002179480 A		11-04-2002 03-04-2002 26-06-2002
DE 19857105	A1	15-06-2000		NONE		